

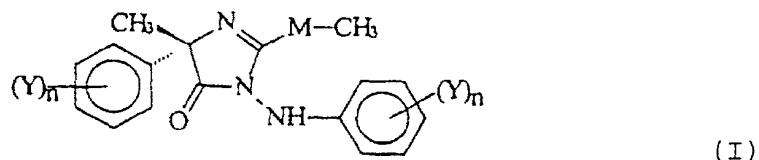
CLAIMS

1. Fungicide compositions useful for controlling phytopathogenic fungi infesting or capable 5 of infesting fruits, characterized in that they contain:

a) at least one fungicide compound inhibiting mitochondrial respiration, and

b) at least one fungicide compound inhibiting 10 sterol biosynthesis.

2. Fungicide compositions according to claim 1, characterized in that the fungicide compound inhibiting mitochondrial respiration is chosen from 15 azoxystrobin, kresoxym-methyl, trifloxystrobin, picoxystrobin, discoxystrobin, 4-chloro-2-cyano-N,N-dimethyl-5-p-tolylimidazole-1-sulphonamide, famoxadone and the compounds of general formula (I):



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in which:

- M represents an oxygen or sulphur atom;

- n is an integer equal to 0 or 1;

- Y is a fluorine or chlorine atom, or a 25 methyl radical.

3. Fungicide compositions according to  
claim 2, characterized in that the fungicide compound  
inhibiting mitochondrial respiration is chosen from  
famoxadone and a compound of formula (I) as defined in  
5 claim 2.

4. Fungicide compositions according to  
either of claims 2 and 3, characterized in that the  
fungicide compound inhibiting mitochondrial respiration  
is fenamidone.

10 5. Fungicide compositions according to any  
one of the preceding claims, characterized in that the  
compound inhibiting sterol biosynthesis is imazalil.

15 6. Fungicide compositions according to any  
one of the preceding claims, characterized in that they  
comprise imazalil in combination with fenamidone.

7. Fungicide compositions according to any  
one of the preceding claims, characterized in that the  
doses of fungicide compounds inhibiting mitochondrial  
respiration are between 10 mg/l and 1000 mg/l,  
20 preferably between 20 mg/l and 300 mg/l, preferably  
still between 40 mg/l and 150 mg/l, or between 50 mg/l  
and 100 mg/l.

25 8. Fungicide compositions according to any  
one of the preceding claims, characterized in that the  
doses of fungicide compounds inhibiting sterol  
biosynthesis are between 100 mg/l and 3000 mg/l,  
preferably between 50 mg/l and 2500 mg/l, preferably

still between 200 mg/l and 2000 mg/l, or between about 400 mg/l and 1000 mg/l.

9. Fungicide compositions according to any one of the preceding claims, characterized in that they 5 comprise, in addition, one or more other fungicide compounds.

10. Fungicide compositions according to claim 9, characterized in that the other fungicide compound is chosen from phosphorous acid, its 10 derivatives and its salts.

11. Fungicide compositions according to either of claims 9 and 10, characterized in that the other fungicide compound is fosetyl-Al.

12. Fungicide compositions according to any 15 one of claims 9 to 11, characterized in that the other fungicide compound is present at doses of between 500 mg/l and 6000 mg/l, for example between 2000 mg/l and 4000 mg/l.

13. Fungicide compositions according to any 20 one of the preceding claims, characterized in that they comprise imazalil, fenamidone and fosetyl-Al.

14. Fungicide compositions according to any one of the preceding claims, characterized in that they are useful for treating one or more phytopathogenic 25 fungi chosen from:

*Phytophthora spp.*, for example brown rot of citrus fruits (*Phytophthora parasitica*), and gummosis of citrus (*Phytophthora citrophthora*);

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*Penicillium* spp., for example blue mould (*Penicillium italicum*), and green mould (*Penicillium digitatum*); bitter rot of citrus fruits (*Geotrichum candidum*); black rot of citrus fruits (*Alternaria citri*); 5 anthracnose (*Colletotrichum gloeosporioides*); and melanose or phomopsis rot (*Diplodia natalensis* or *Phomopsis citri*).

15. Fungicide compositions according to any one of the preceding claims, characterized in that they 10 protect or control fungal attacks and prevent or stop the rotting of edible fruits.

16. Fungicide compositions according to any one of the preceding claims, characterized in that the fruits are citrus fruits.

15 17. Fungicide compositions according to any one of the preceding claims, characterized in that they comprise, in addition to the fungicide compounds described in the preceding claims, one or more solid or liquid inert carriers, surfactants, protective 20 colloids, adhesives, thickeners, thixotropic agents, penetrating agents, stabilizers, sequestrants, texturing agents, flavouring agents, taste enhancers, sugars, sweeteners and/or colorants.

18. Fungicide compositions according to any 25 one of the preceding claims, characterized in that they contain 0.05 to 95% by weight of active substance.

19. Fungicide compositions according to any one of the preceding claims, characterized in that they are in solid or liquid form.

20. Method for treating fruits,  
5 characterized in that the fruits are treated with a fungicide composition according to any one of the preceding claims, by immersion, spraying, brushing, coating or film-coating of the said fruits.

21. Method for treating fruits according to  
10 claim 20, characterized in that the said treatment is carried out preventively and/or curatively.

22. Method for treating fruits according to claim 20, characterized in that the said treatment is carried out after harvesting the fruits.

15 23. Method for treating fruits according to one of claims 20 to 22, characterized in that the fungicide compounds are applied simultaneously, sequentially or separately.

24. Method for treating fruits,  
20 characterized in that it combines a fungicide and/or insecticide treatment with a treatment with one or more fungicide compositions according to any one of claims 1 to 19.

25. Fruits treated with one or more  
25 compositions according to the present invention.

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